Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

ESPRIMO Mobile D Series
Ready for your challenges

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Need constant access to your data? Accepting no compromises? Understood that mobility is reality? From roving engineers to knowledge workers constant data access is a must!

The ESPRIMO Mobile D9500 is ready to take the challenge- Its latest Intel® Centrino® Duo processor technology fits the need of reliable performance. In addition it gives you the freedom to work wherever you like. Ubiquitous connectivity is ensured with embedded UMTS/HSDPA.

This professional notebook features a superb 15.4-inch WXGA or WXGA+ display and long independence from any power source. And once back at the office, the port replicator instantly transforms your ESPRIMO Mobile in a fully-fledged PC.

Elegance

- Designed for demanding mobile users, ESPRIMO Mobile is the perfect synthesis of form, function and style
- Elegant family design, Great expandability with maximum ports

Ergonomics

- Enjoy the viewing quality of 15.4 –inch wide format optional WXGA+ or WXGA or TFT display
- Port replicator for simple connection to all your peripherals

Connectivity

- Always connected to your emails
  Wireless high-speed connectivity everywhere with embedded LAN, WLAN and UMTS/HSDPA
- Long lasting battery for independent working with first and second battery

Windows Vista Business

Reliability

- Long independency with long battery runtime and further extension with second battery
- Germany‘s quality standard in award-winning best-in-class manufacturing

Manageability

- Seamless integration in heterogeneous enterprise management systems
- Sophisticated family concept with BIOS / BIM compatibility

System	ESPRIMO Mobile D9500
Processor	
Intel® Celeron® Processor	Celeron 540
Second level cache	-
Front side bus (FSB)	-
Intel® Core™2 Duo Processor	T7250 (2.0 GHz)
Second level cache	2 MB
Front side bus (FSB)	800 MHz
Intel® Core™2 Duo Processor	T7300 (2.0GHz) T7500 (2.2GHz) T7700 (2.4GHz)*
Second level cache	4 MB
Front side bus (FSB)	800Mhz
Intel® Core™2 Duo Processor	T8100 (2.1GHz) T8300 (2.4GHz)
Second level cache	3 MB
Front side bus (FSB)	800Mhz
Intel® Core™2 Duo Processor	T9300 (2.5GHz) T9500 (2.6GHz)
Second level cache	6MB
Front side bus (FSB)	800MHz
Chipset	
Northbridge	Intel® GM965
Southbridge	ICH 8-M
Memory	
DIMM slots	2
DDR2-667 SDRAM, 667 MHz	up to 4 GB
BIOS	
BIOS Flash EPROM	BIOS based on Phoenix TrustedCore Notebook
Interfaces	
SIM card slot	1
Express card 34/54	1
Memory card slot (SD, MS, xD and MSPRO)	1
USB 2.0	4
S-Video out (TV-out)without adapter cable	1
VGA	1
Modem RJ-11	optional
LAN RJ-45	1
Audio-in (line-in / microphone)	1
Audio-out (line-out / headphone)	1
DC-in 20V	1
Kensington Lock	1
Docking connector for Port Replicator	1
Port Replicator interfaces (optional):	
USB 2.0	4
VGA	1
DVI-D	1
Serial port	1
Parallel port	1
LAN RJ-45	1
PS/2	1
DC-in	1
Microphone	1
Headphone	1
Power on switch	1
Kensington Lock	2
Modem on board	
56K V.92 modem MDC1.5	optional
LAN on board	
built-in 10/100/1000 Mbps Marvell 88E8055	x
Wireless Technologies (WLAN)	
Import and usage according to country-specific regulations. 3 Dual band WLAN antennas, 2 UMTS antennas	
Intel® Pro Wireless 4965 a/g/n	optional
Atheros Minicard b/g 802.11 b/g	optional
WiFi certified	x
integrated UMTS/HSUPA Option GTM378 - 3.6Mbit/s download* 384Kbit upload also supported are GPRS and EDGE or higher * upgrade to 7.2MBit possible	optional
Bluetooth	
Bluetooth V2.0	optional
Audio	
Stereo speakers	x
Sound chip	Realtek ALC262
Internal microphone (array)	1
Keyboard and pointing device	
Keyboard	Spill-proof 86 keys, 19mm pitch, 2.7mm key stroke
Touchpad	x
Application Buttons	1x Wireless
Status LED	x
Graphics	
Intel® X3100 integrated graphics (shared memory up to 358 MB)*	x

Direct X9	x
Pixelshader 3.0	x
DualView	x
* depending on system memory	
Display	
15.4-inch TFT WXGA / 1280 x 800 pixel (glare optional)	x
15.4-inch TFT WXGA+ / 1400 x 900 pixel	x
Max. resolution for external displays **at DVI on Port replicator**	1920 x 1200 / true color / 85 Hz

Hard disk drives (internal) *	
S.M.A.R.T.	x
80 GB S-ATA 150 (5400 rpm)	x
120 GB S-ATA 150 (5400 rpm)	x
160 GB S-ATA 150 (5400 rpm)	x
* 1 Gbyte equals one billion bytes, when referring to hard disk drive capacity; accessible capacity may vary, also depending on used software and tool.	
Fixed drives	
DVD+/- RW Dual layer (+R) Multiformat DVD writer with double layer support	Optional
Weight Saver	Optional
More information in specific Data Sheet: http://www.fujitsu-siemens.com/optical_drives/	
Manageability	
Please refer to http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html	
Supported Standard	
WMI	x
PXE	x
BootP	made4you
Security	
Physical security	
Kensington Lock support	x
System Security	
Symantec Norton Internet Security	x
User Security	
User and supervisor BIOS password	x
Hard disk password	x
* for made4you customizing projects only	
Power supply	
1st Li-Ion battery 6 cell 5200mAh (56.2Wh)	x
2nd Li-Ion battery 6 cell 3800mAh (41Wh) (Option)	attached at bottom
Battery runtime:	
First battery * (Mobile Mark 2005) [up to]	4h
First + Second battery * (Mobile Mark 2005) [up to]	6h
AC adapter	
Rated voltage (AC input) 100 – 240 V	20V/90W (4,25A)
Rated frequency 50 – 60 Hz	
DC output 20 V, 3.25 A	
Dynamic charge supported (rapid charge)	x
* Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	
** for made4you customizing projects only	
Operating temperatures	
Relative humidity (non-condensing)	20% - 85% (running)
Ambient temperature	5° - 35° C
Dimensions / Weight	
Dimensions (H x W x D)	26f – 36r x 360 x 260
Weight*	2.5Kg incl. 1st battery, weight saver
* Weight may vary depending on actual configuration	
Certificates	
CE Marking	x
CE according to EU Directives 89/336/EEC (EMC)	x
73/23/EEC (Product safety)	
CE! (Wireless)	x (with integrated wireless moduls)
CE (Emission/Immunity)	x
R&TTE	x
GS (German ergonomic approval)	x
UL/cUL	x
CB Generic Report	x
CB (Safety)	x
RoHS	x
WHQL	x
TBR21	x
WiFi certified	x
Operating System	
Microsoft Windows XP	driver support
MicrosoftWindows Vista™	x
Microsoft Windows Vista® Business/ Microsoft Windows XP® Professional TwinLoad	x
Software (compatibility / preinstalled)	
Adobe Acrobat Reader	x
Application panel tool	x
Windows Vista recovery media	optional (extra order number)
Driver and Utility DVD (DUDVD)	optional (extra order number)
Easy Guide on-line user documentation	x
Burning Soaftware (Nero Essentials)	x
Norton Internet Security (incl. Firewall) on DUDVD for Microsoft Windows XP	x
Recovery Solution provided via Vista	x
Toshiba Bluetooth Stack	x
UMTS connection manager	optional with UMTS
DVD playback software (Nero Essentials)	optional (extra order number)

Accessories (order number)	
Port Replicator/AC Adapter/EU cable kit	S26391-F696-L100
AC Adapter 20V/90W	S26391-F696-L200
1st Battery	S26391-F405-L840
2nd battery	S26391-F405-L841
Modem adapter set 1: D, UK	S26391-F3145-L10
Modem adapter set 2: SW, NO, FI, DK	S26391-F3145-L20
Modem adapter set 3: CH, A, B, NL, F, I, E, POR	S26391-F3145-L30
http://www.fujitsu-siemens.com/accessories/	
Spare part aailability	5 years

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